

Converting Colors

Hex(36F784)

Have a look what the booklet for
Hex(36F784) contains.

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Color

Hex(36F784)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 36F784 |
| RGB | 54, 247, 132 |
| RGB Percent | 21%, 97%, 52% |
| CMY | 0.7882, 0.0314, 0.4824 |
| CMYK | 0.78, 0.00, 0.47, 0.03 |
| HSL | 144°, 92%, 59% |
| HSV | 144°, 78%, 97% |
| XYZ | 38.9469, 68.9717, 33.0900 |
| YIQ | 176.1830, -78.1130, -76.6810 |

Conversions

Conversions Part 2

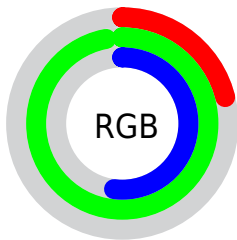
| Format | Color |
|-------------------------------------|---|
| RYB | 54, 191, 247 |
| Decimal | 3602308 |
| CIELab | 86.49, -70.39, 42.24 |
| CIELCh | 86, 82.093, 149.032 |
| Yxy | 68.9717, 0.2762, 0.4891 |
| Android (android.graphics.Color) | 4281792388 (0xFF36F784) |
| YUV | 176.1830, -21.7822, -107.1545 |
| Hunter-Lab | 83.0492, -61.6264, 34.5111 |

Details

The Hex color **36F784** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **F736A9**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **82FFBB**, and **00BD50** is the 20% darker color. If you saturate the color by 10%, you get **1DF775**, and if you desaturate by 10%, it is **4FF793**.

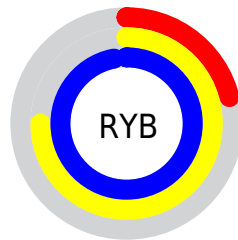
Distribution



Red (21%)

Green (97%)

Blue (52%)



Red (21%)

Yellow (75%)

Blue (97%)

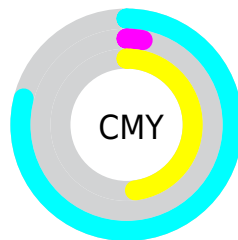


Cyan (78%)

Magenta (0%)

Yellow (47%)

Black (3%)



Cyan (79%)

Magenta (3%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36F784 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 36F784 by changing the saturation by 10% instead.

 36F784

 36F784

FFFFFF

 00DA6A

 82FFBB

 00BD50

 A3FFD7

 00A137

 C2FFF4

 00861C

 E2FFFF

 006B00

 005100

 003900

 001F00

 000000

 36F784

 36F784

 1DF775

 4FF793

 05F767

 67F7A1

 00F764

 80F7B0

 99F7BF

 B2F7CE

 CAF7DC

 E3F7EB

 FCF7FA

 FFF7FF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B5EA41



36F784



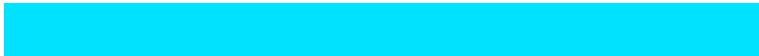
00FDD3

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36F784



00E2FF



FF9792

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



36F784



F736A9

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF8DDE



36F784



D3C5FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



36F784



00F5FF



FFA2FF



FFB650

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



36F784



00DFFF



FFA2FF



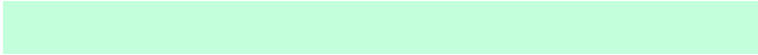
FF90AA

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



36F784



C4FFDC



AAF736



5C806A



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36F784



0FFF70



36F7E4



6E7A73



00BA4B



003B18

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



F736A9



FF0F9E



F73649



7A6E75



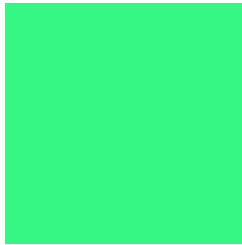
BA006F



3B0023

Previews

White Background



This preview shows how the Hex color 36F784 looks on a white background.

Color Contrast Check

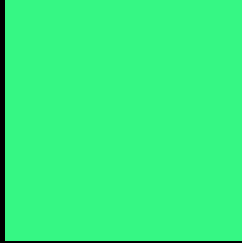
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 36F784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

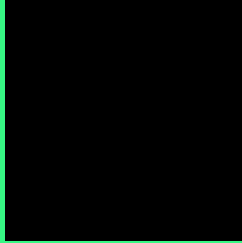
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

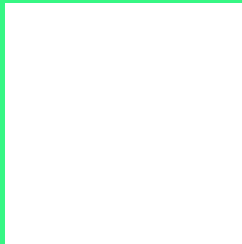
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 36F784 Background



This preview shows how black text looks on a background with the Hex color 36F784.

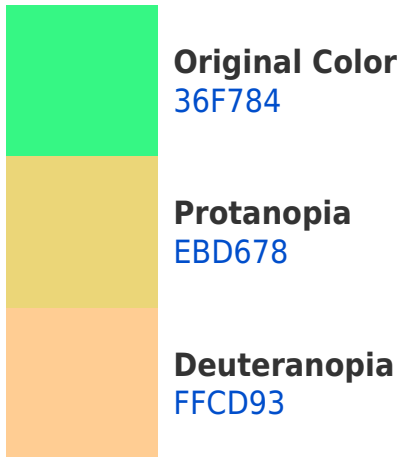


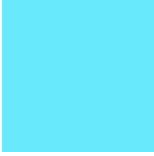
This preview shows how white text looks on a background with the Hex color 36F784.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
69E9FC

Trichromacy



Original Color
36F784



Protanomaly
A9E27C



Deuteranomaly
B6DC8E

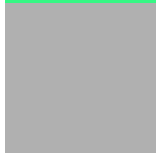


Tritanomaly
56EED0

Monochromacy



Original Color
36F784



Achromatopsia
B0B0B0



Achromatomaly
84CAA0

CSS Examples

Text

The CSS property to change the color of the text to Hex 36F784 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #36F784 looks like.

```
.text, #text, p{  
    color:#36F784  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #36F784 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36F784
}
```

Border

The CSS property to change the border of an element to Hex 36F784 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#36F784 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#36F784 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #36F784 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36F784; -webkit-box-shadow:4px 4px  
4px 4px #36F784; box-shadow:4px 4px 4px  
4px #36F784 }
```

Background

The CSS property to change the background color of an element to Hex 36F784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36F784 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#36F784 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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